

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	04853.0087	Appln. No.	10/019,785
Applicant	SAITO et al.		
Filing Date	January 4, 2002	Group:	1646



## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,626,845	05/06/1997	Yoneda et al.	424	145.1	
	5,993,817	11/30/1999	Yoneda et al.	424	158.1	
	5,217,896	06/08/1993	Kramer et al.	435	240.27	
	5,001,223	03/19/1991	Rosenblatt et al.	530	324	
	4,771,124	09/13/1988	Rosenblatt et al.	530	324	
	09/423,800		Sato et al.			11/12/1999
	09/720,326		Sato et al.			12/22/2000

## FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	WO 89/11297	11/30/89	WIPO			
	WO 89/11298	11/30/89	WIPO			
	WO 90/07861	07/26/90	WIPO			
	WO 91/16928	11/14/91	WIPO			
	WO 92/19759	11/12/92	WIPO			Abstract
	WO 93/13133	07/08/93	WIPO			Abstract
	WO 94/11523	05/26/94	WIPO			
	WO 96/22790	08/01/96	WIPO			
	WO 96/39184	02/08/96	WIPO			
	WO 96/26737	09/06/96	WIPO			
	WO 98/13388	04/02/98	WIPO			Abstract
	WO 98/51329	11/19/98	WIPO			
	WO 99/57139	11/11/99	WIPO			
	WO 00/00219	01/06/00	WIPO			Abstract
	EP 0 293 130	11/30/88	Europe			
	EP 0293 158	11/30/88	Europe			

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## FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	EP 0 811 383	12/10/97	Europe			
	EP 0 878 201 A1	11/18/98	Europe			
	JP 4-502408	05/07/92	Japan			Abstract
	JP 7-316195	12/05/1995	Japan			Abstract
	JP 11-80025	03/23/1999	Japan			Abstract
	JP 11-222440	08/17/1999	Japan			Abstract
	JP 2000-080100	03/21/2000	Japan			Abstract

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Abou-Samra et al., Expression Cloning of a Common Receptor for Parathyroid Hormone and Parathyroid Hormone-Related Peptide from Rat Osteoblast-Like Cells: A Single Receptor Stimulates Intracellular Accumulation of Both cAMP and Inositol Trisphosphates and Increases Intracellular Free Calcium, <i>Proceedings of the National Academy of Sciences</i> , 89:2732-2736 (1992).
	Baba, PTH/PTHRP, <i>Clinical Calcium</i> , 5:97-101 (1995) (English Translation).
	Beck, et al., Lipolytic Factors Associated with Murine and Human Cancer Cachexia, <i>Journal of the National Cancer Institute</i> , 82:1922-1926 (1990).
	Belyavsky et al., PCR-Based cDNA Library Construction: General cDNA Libraries at the Level of a Few Cells, <i>Nucleic Acids Research</i> , 17:2919-2933 (1989).
	Burtis, Parathyroid Hormone-Related Protein: Structure, Function, and Measurement, <i>Clinical Chemistry</i> , 38:2171-2183 (1992).
	Carter et al., Humanization of an Anti-p185 <sup>HER2</sup> Antibody for Human Cancer Therapy, <i>Proceedings of the National Academy of Sciences</i> , 89:4285-4289 (1992).
	Chirgwin et al., Isolation of Biologically Active Ribonucleic Acid From Sources Enriched in Ribonuclease, <i>Biochemistry</i> , 18:5294-5299 (1979).
	Chomczynski et al., Single-Step Method of RNA Isolation By Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction, <i>Analytical Biochemistry</i> , 162:156-159 (1987).
	Chothia, Canonical Structures for the Hypervariable Regions of Immunoglobulins, <i>Journal of Molecular Biology</i> , 196:901-917 (1987).
	Co et al., Chimeric and Humanized Antibodies with Specificity for the CD33 Antigen, <i>The Journal of Immunology</i> , 148:1149-1154 (1992).

## INFORMATION DISCLOSURE CITATION

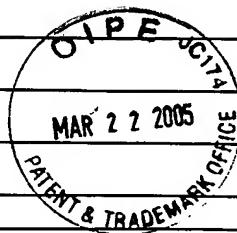
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O I P E  
M A R 2 2 2005  
U. S. PATENT & TRADEMARK OFFICE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	Co et al., Humanized Antibodies for Antiviral Therapy, <i>Proceedings of the National Academy of Sciences</i> , 88:2869-2873 (1991).		
	Coleman et al., Biochemical Mechanisms of Parathyroid Hormone Action, <i>The Parathyroids, Basic and Clinical Concepts</i> , 239-258 (1994).		
	Cuisinier et al., Mechanisms That Generate Human Immunoglobulin Diversity Operate From the 8 <sup>th</sup> Week of Gestation in Fetal Liver, <i>European Journal of Immunology</i> , 23:110-118 (1993).		
	Dariavach et al., Human Immunoglobulin C <sub>λ</sub> 6 Gene Encodes the Kern <sup>+</sup> Oz λ Chain and C <sub>λ</sub> 4 and C <sub>λ</sub> 5 are Pseudogenes, <i>Proceedings of the National Academy of Sciences</i> , 84:9074-9078 (1987).		
	Deftos et al., Utilization of a Potentially Universal Downstream Primer in the Rapid Identification and Characterization of Vλ Genes From Two New Human Vλ Families, <i>Scandinavian Journal of Immunology</i> , 39:95-103 (1994).		
	de St. Groth, et al., Production of Monoclonal Antibodies: Strategy and Tactics, <i>Journal of Immunological Methods</i> , 35:1-21 (1980).		
	Dworkin et al., Dietary Intake in Patients with Acquired Immunodeficiency Syndrome (AIDS), Patients with AIDS-Related Complex, and Serologically Positive Human Immunodeficiency Virus Patients: Correlations with Nutritional Status, <i>Journal of Parenteral and Enteral Nutrition</i> , 14:605-609 (1990).		
	Farmer et al., Speculations on the Design of Nonpeptidic Peptidomimetics, <i>TIPS</i> , 4:362-365, (1982).		
	Frohman et al., Rapid Production of Full-Length cDNAs From Rare Transcripts: Amplification Using a Single Gene-Specific Oligonucleotide Primer, <i>Proceedings of the National Academy of Sciences</i> , 85:8998-9002 (1988).		
	Galfrè et al., Rat x Rat Hybrid Myelomas and A Monoclonal Anti-Fd Portion of Mouse IgG, <i>Nature</i> , 277:131-133 (1979).		
	Gorman et al., Reshaping a Therapeutic CD4 Antibody, <i>Proceedings of the National Academy of Sciences</i> , 88:4181-4185 (1991).		
	Hammond et al., Respiratory Muscle Strength in Congestive Heart Failure, <i>Chest</i> , 98:1091-1094 (1990).		
	Hardman et al., <i>Goodman &amp; Gilman's The Pharmacological Basis of Therapeutics</i> , 9 <sup>th</sup> ed., McGraw-Hill Co. (USA), pp. 1528-1529 (1995).		
	Hardman et al., <i>Goodman &amp; Gilman's The Pharmacological Basis of Therapeutics</i> , 9 <sup>th</sup> ed., McGraw-Hill Co. (USA), pp. 1523-1524 (1995).		
	Hardman et al., <i>Goodman &amp; Gilman's The Pharmacological Basis of Therapeutics</i> , 8 <sup>th</sup> ed., McGraw-Hill Co. (USA), pp. 3-32 (1990).		
	Harris et al., Therapeutic Antibodies - The Coming of Age, <i>TIBTECH</i> , 11:42-44 (1993).		
	Ikeda, Molecular Biology of Parathyroid Hormone-Related Peptide, <i>Nihon Rinshou</i> , 53:37-45 (1995) (English Abstract).		

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	04853.0087	Appln. No.	10/019,785
Applicant	SAITO et al.		
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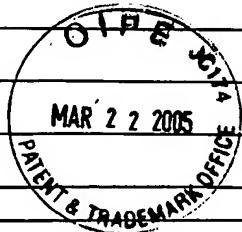


## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Ikeda, Development of Novel Endocrinotherapy Targeting Cancer and Paraneoplastic Syndromes, <i>Progress in Clinical Pharmacology</i> , 16:155-161 (1995) (English Abstract).
	Jones et al., Rapid PCR-Cloning of Full-Length Mouse Immunoglobulin Variable Regions, <i>Bio/Technology</i> , 9:88-89 (1991).
	Joppner et al., A G Protein-Linked Receptor for Parathyroid Hormone and Parathyroid Hormone-Related Peptide, <i>Science</i> , 254:1024-1026 (1991).
	Kaji et al., Role of Dual Signal Transduction Systems in the Stimulation of Bone Resorption by Parathyroid Hormone-Related Peptide, The Direct Involvement of cAMP-Dependent Protein Kinase, <i>Horm. Metab. Res.</i> , 25:421-424 (1993).
	Kajimura et al., Toxohormones Responsible for Cancer Cachexia Syndrome in Nude Mice Bearing Human Cancer Cell Lines, <i>Cancer Chemother Pharmacol</i> , 38:S48-S52 (1996).
	Karlsson et al., Kinetic Analysis of Monoclonal Antibody-Antigen Interactions with a New Biosensor Based Analytical System, <i>Journal of Immunological Methods</i> , 145:229-240 (1991).
	Kato et al., Incisor Change Induced by Excessive PTHrP in Rats, Abstracts of 16 <sup>th</sup> Meeting of Japanese Society of Toxicologic Pathology, p. 17 (2000) (English Translation).
	Kearney et al., A New Mouse Myeloma Cell Line That Has Lost Immunoglobulin Expression But Permits the Construction of Antibody-Secreting Hybrid Cell Lines, <i>The Journal of Immunology</i> , 123:1548-1550 (1979).
	Kemp et al., Parathyroid Hormone-Related Protein of Malignancy: Active Synthetic Fragments, <i>Science</i> , 238:1568-1570 (1987).
	Kettleborough et al., Humanization of a Mouse Monoclonal Antibody by CDR-Grafting: The Importance of Framework Residues on Loop Conformation, <i>Protein Engineering</i> , 4:773-738 (1991).
	Köhler et al., Derivation of Specific Antibody-Producing Tissue Culture and Tumor Lines by Cell Fusion, <i>European Journal of Immunology</i> , 6:511-519 (1976).
	Kozak, At Least Six Nucleotides Preceding the AUG Initiator Condon Enhance Translation in Mammalian Cells, <i>Journal of Molecular Biology</i> , 196:947-950 (1987).
	Kukreja et al., Tumor Resection and Antibodies to Parathyroid Hormone-Related Protein Cause Similar Changes on Bone Histomorphometry in Hypercalcemia of Cancer, <i>Endocrinology</i> , 127(1):305-310 (1990).
	Kukreja et al., Antibodies to Parathyroid Hormone-Related Protein Lower Serum Calcium in Athymic Mouse Models of Malignancy-Associated Hypercalcemia Due to Human Tumors, <i>The Journal of Clinical Investigation</i> , 82:1798-1802 (1988).
	Liu et al., Developmental Role of PTHrP in Murine Molars, <i>European Journal Oral Sciences</i> , 106 (suppl 1):143-146 (1998).
	LoBuglio et al., Mouse/Human Chimeric Monoclonal Antibody in Man; Kinetics and Immune Response, <i>Proceedings of the National Academy of Sciences</i> , 86:4220-4224 (1989).

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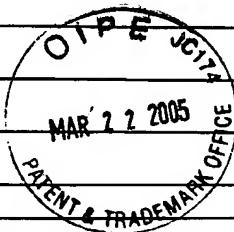


## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Lundgren et al., Parathyroid Hormone (1-34) Receptor-Binding and Second-Messenger Response in Rat Incisor Odontoblasts, <i>Calcif. Tissue Int.</i> , 62:255-259 (1998).
	Maeda et al., Construction of Reshaped Human Antibodies with HIV-Neutralizing Activity, <i>Human Antibodies and Hybridomas</i> , 2:124-134 (1991).
	Margulies et al., Somatic Cell Hybridization of Mouse Myeloma Cells, <i>Cell</i> , 8:405-415 (1976).
	Marosi et al., Fatal Encephalitis in a Patient with Chronic Graft-Versus Host Disease, <i>Bone Marrow Transplantation</i> , 6:53-57 (1990).
	Mizushima et al., pEFBOS, A Powerful Mammalian Expression Vector, <i>Nucleic Acids Research</i> , 18:5322 (1990).
	Morimoto, PTH/PTHrP, <i>Clinical Calcium</i> , 5(12):50-54 (1995) (English Translation).
	Moseley et al., Parathyroid Hormone-Related Protein Purified from A Human Lung Cancer Cell Line, <i>Proceedings of the National Academy of Sciences</i> , 84:5048-5052 (1987).
	Mountain et al., Engineering Antibodies for Therapy, <i>Biotechnol Genet Eng Rev.</i> , 10:1-142 (1992).
	Muller et al., Überwachung und Handhabung von Zentrainervosen und Intestinalen System zur Behandlung der Tumorkachexie, <i>Langenbecks Arch Chir Suppl II</i> , pp. 261-265 (1990) (English Abstract).
	Mulligan et al., Synthesis of Rabbit $\beta$ -globin in Cultured Monkey Kidney Cells Following Infection with a SV40 $\beta$ -globin Recombinant Genome, <i>Nature</i> , 277:108-114 (1979).
	Natsume et al., Binding Assay and Analysis of Kinetic Parameters by Bialcore Biosensor, <i>Experimental Medicine</i> , 13:85-91 (1995) (English Translation).
	Ogata, Parathyroid Hormone-Related Protein as a Potential Target of Therapy for Cancer-Associated Morbidity, <i>Cancer</i> , 88:2902-2911 (2000).
	Ohtomo et al., Humanization of Mouse ONS-M21 Antibody with the Aid of Hybrid Variable Regions, <i>Molecular Immunology</i> , 32:407-416 (1995).
	Olstad et al., Expression and Characterization of a Recombinant Human Parathyroid Partial Agonist with Antagonistic Properties: Gly-hPTH(-1 $\rightarrow$ +84), <i>Peptides</i> , 16:1031-1037 (1995).
	Palmieri et al., Muscle Calcium Accumulation in Muscular Dystrophy, Intracell. Calcium Regul., <i>Proc. Int. Symp.</i> , pp. 335-347 (1986).
	Philbrick et al., Parathyroid Hormone-Related Protein is Required for Tooth Eruption, <i>Proc. National Academy of Science USA</i> , 95:11846-11851 (1998).
	Queen et al., A Humanized Antibody that Binds to the Interleukin 2 Receptor, <i>Proc. National Academy of Science USA</i> , 86:10029-10033 (1989).
	Riechmann et al., Reshaping Human Antibodies for Therapy, <i>Nature</i> , 332:323-327 (1988).
	Roe et al., A Photometric Method for the Determination of Insulin in Plasma and Urine, <i>Journal of Biological Chemistry</i> , 173:839-845 (1949).

## INFORMATION DISCLOSURE CITATION

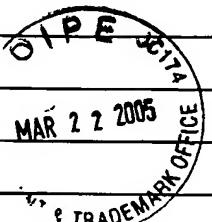
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Applicant	SAITO et al.		
Filing Date	January 4, 2002	Group:	1646



## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Rosen et al., The Effect of PTH Antagonist BIM-44002 on Serum Calcium and PTH Levels in Hypercalcemic Hyperparathyroid Patients, <i>Calcified Tissue International</i> , 61:455-459 (1997).
	Roubini et al., Synthesis of Fully Active Biotinylated Analogues of Parathyroid Hormone and Parathyroid Hormone-Related Protein as Tools for the Characterization of Parathyroid Hormone Receptors, <i>Biochemistry</i> , 31:4026-4033 (1992).
	Sato et al., Passive Immunization with Anti-Parathyroid Hormone-Related Protein Monoclonal Antibody Markedly Prolongs Survival Time of Hypercalcemic Nude Mice Bearing Transplanted Human PTHrP-Producing Tumors, <i>Journal of Bone and Mineral Research</i> , 8:849-860 (1993).
	Sato et al., Reshaping a Human Antibody to Inhibit the Interleukin 6-dependent Tumor Cell Growth, <i>Cancer Research</i> , 53:851-856 (1993).
	Sato et al., A Highly Sensitive Bioassay for PTH Using ROS 17/2.8 Subclonal Cells, <i>Acta Endocrinologica</i> , 116:113-120 (1987).
	Sato, Malignancy-associated Hypercalcemia: Pathogenesis and Treatment, <i>Journal of Tokyo Women's Medical College</i> , 58(9):939-946 (1988) (English Abstract).
	Saito et al., Potential Involvement of PTHrP in Cancer Cachexia, <i>Japanese Journal of Cancer Research</i> , 90 (Suppl.): Abstract No. 2195 (1999) (English Abstract).
	Shigeno, PTH/PTHrP Receptor, <i>Clinical Calcium</i> , 5(3):79-83 (1995) (English Translation).
	Shulman et al., A Better Cell Line for Making Hybridomas Secreting Specific Antibodies, <i>Nature</i> , 276:269-270 (1978).
	Stewart et al., Clinical Review 16: Parathyroid Hormone-Related Proteins: Coming of Age in the 1990s, <i>Journal of Clinical Endocrinology and Metabolism</i> , 71:1410-1414 (1990).
	Strewler, The Physiology of Parathyroid Hormone-Related Protein, <i>The New England Journal of Medicine</i> , 342(3):177-185 (2000).
	Sumiya et al., Hypercalcemia with Malignant Tumor, <i>Saishin Igaku</i> , 46(2):315-324 (1991) (English Abstract).
	Suva et al., A Parathyroid Hormone-Related Protein Implicated in Malignant Hypercalcemia: Cloning and Expression, <i>Science</i> , 237:893-896 (1987).
	Takahashi et al., Structure of Human Immunoglobulin Gamma Genes: Implications for Evolution of a Gene Family, <i>Cell</i> , 29:671-679 (1982).
	Takahashi et al., Concentrations of Blood Parathyroid Hormone Related Protein (PTHrP) and Various Cytokines in Malignant Tumor Patients, <i>Record of the Japan Society of Clinical Biochemistry and Metabolism</i> , 35:107 (1998) (English Abstract).
	Tanaka, Triple Paraneoplastic Syndrome of Hypercalcemia, Leukocytosis and Cachexia in Two Human Tumor Xerografts in Nude Mice, <i>Japanese Journal of Clinical Oncology</i> , 26:88-94 (1996).
	Tempest et al., Reshaping A Human Monoclonal Antibody to Inhibit Human Respiratory Syncytial Virus Infection <i>in vivo</i> , <i>Bio/Technology</i> , 9:266-271 (1991).

## INFORMATION DISCLOSURE CITATION

Atty. Docket No. 04853.0087	Appln. No. 10/019,785	 <small>MAR 22 2005</small>
Applicant SAITO et al.		
Filing Date January 4, 2002	Group: 1646	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Tenorio et al., An Immunohistochemical Investigation of the Expression of Parathyroid Hormone Receptors in Rat Cementoblasts, <i>Archs Oral Biol.</i> , 41:299-305 (1996).
	Tisdale et al., Cancer Cachexia, <i>International Journal of Pancreatology</i> , 7:141-150 (1990).
	Trowbridge, Interspecies Spleen-Myeloma Hybrid Producing Monoclonal Antibodies Against Mouse Lymphocyte Surface Glycoprotein, T200, <i>Journal of Experimental Medicine</i> , 148:313-323 (1978).
	Verhoeven et al., Reshaping Human Antibodies; Grafting an Antilysozyme Activity, <i>Science</i> , 239:1534-1536 (1988).
	Weissglas et al., Hypercalcemia and Cosecretion of Interleukin-6 and Parathyroid Hormone Related Peptide by a Human Renal Cell Carcinoma Implanted into Nude Mice, <i>The Journal of Urology</i> , 153:854-857 (1995).
	Wong et al., Modulation of Antibody Affinity by an Engineered Amino Acid Substitution, <i>J. Immunol.</i> , 154(7):3351-8 (1995).
	Yamamoto et al., Parathyroid Hormone-Related Peptide-(1-34) [PTHRP-(1-34)] Induces Vasopressin Release from the Rat Supraoptic Nucleus <i>in Vitro</i> through a Novel Receptor Distinct from a Type I or Type II PTH/PTHRP Receptor, <i>Endocrinology</i> , 138:2066-2072 (1997).
	Yelton et al., Fusion of Mouse Myeloma and Spleen Cells, Lymphocyte Hybridomas, Second Workshop on "Functional Properties of Tumors of T and B Lymphocytes," Sponsored by the National Cancer Institute (NIH) 1-7 (1978).
	Yoshida et al., Study of Abnormal Calcium Level in Myotonic Dystrophy-Part II: with Respect to Nephrogenous Cyclic AMP and Immunoreactivity of Serum Parathyroid Hormone, <i>The Japanese Endocrine Society Endocrine Journal</i> , 64(7):539-547 (1988) (English Abstract).
	Zylicz et al., Metabolic Response to Enteral Food in Different Phases of Cancer Cachexia in Rats, <i>Oncology</i> , 47:87-91 (1990).

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
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